

Title (en)
METHOD OF PREPARING AN OPERATION OF SURFACING OF A LENS BLANK

Title (de)
VERFAHREN ZUR VORBEREITUNG EINER OPERATION ZUR BESCHICHTUNG EINES LINSENROHLINGS

Title (fr)
PROCÉDÉ DE PRÉPARATION D'UNE OPÉRATION DE SURFAÇAGE D'UNE ÉBAUCHE DE LENTILLE

Publication
EP 3470173 A1 20190417 (EN)

Application
EP 17306389 A 20171013

Priority
EP 17306389 A 20171013

Abstract (en)
A method of preparing an operation of surfacing of a lens blank to transform the lens blank into a generated lens having a predetermined prism corresponding to an inclination between a front surface and a back surface of the generated lens at least locally. The method is implemented using a processing module and comprises: - for a plurality of devices destined to interact with the lens blank during the operation of surfacing to manufacture the predetermined prism of the generated lens, attributing a priority order to each device of said plurality of devices, - based on said priority order, attributing to each of the plurality of devices a prism portion (P 1 , P 2 , P 3) which is zero or comprised in a respective range delimited by a respective minimum prism portion (L 1 , L 2 , L 3) and a respective maximum prism portion (M 1 , M 2 , M 3), said prism portion being representative of the contribution of the corresponding device to the prism of the generated lens, for further interaction of each device with the lens blank during the operation of surfacing to obtain, based on the prism portions, the generated lens having finally said predetermined prism.

IPC 8 full level
B24B 13/005 (2006.01); **B24B 9/14** (2006.01)

CPC (source: CN EP US)
B24B 9/148 (2013.01 - EP US); **B24B 13/0018** (2013.01 - EP US); **B24B 13/0055** (2013.01 - EP US); **G02C 7/02** (2013.01 - US); **G02C 7/14** (2013.01 - CN)

Citation (search report)
• [I] US 2006189255 A1 20060824 - AKIYAMA HISANORI [JP]
• [A] EP 2979814 A1 20160203 - HOYA CORP [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3470173 A1 20190417; **EP 3470173 B1 20221221**; CN 109669280 A 20190423; CN 109669280 B 20210326; HU E061230 T2 20230528; PL 3470173 T3 20230605; US 11511385 B2 20221129; US 2019111538 A1 20190418

DOCDB simple family (application)
EP 17306389 A 20171013; CN 201811196913 A 20181015; HU E17306389 A 20171013; PL 17306389 T 20171013; US 201816157681 A 20181011